Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A voltage level translator for operating an
operational amplifier integrated circuit designed for operation with a single
ended power supply, to operate with a split level power supply having a cente
tapped ground, comprising:
first voltage level translating means for connecting a first polarity power
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first voltage level translating means for connecting a first polarity power supply terminal of the operational amplifier integrated circuit and a first capacitor coupled to ground to a first polarity of the power supply,

second voltage level translating means for connecting a second polarity power supply terminal of the operational amplifier integrated circuit and a second capacitor coupled to ground to a second polarity of the split level power supply,

means for connecting a signal input terminal of the operational amplifier to a center tapped ground of the split level power supply and:

wherein another signal input terminal of the operational amplifier is coupled to a signal source referenced to ground without any DC isolation capacitors connected in series with the amplifier and the output terminal of the operational amplifier is coupled to a signal load referenced to ground without any DC isolation capacitors connected in series with the amplifier.

2. (cancelled)

3. (previously presented) The voltage level translator of claim 1 wherein the signal load is a loudspeaker having one terminal referenced to ground.

1	4. (original) The voltage level translator of claim 1 wherein the amplifier
2	includes a plurality of amplifiers on the same integrated circuit chip having a
3	common substrate, and all of the plurality of amplifiers are also voltage level
4	translated, the substrate being biased the same amount with respect to each of
5	the plurality of amplifiers.
1	5. (original) The voltage level translator of claim 1 wherein the split level
1	3. (Original) The voltage level translator of claim 1 wherein the split level
2	power supply having a center tapped ground also provides power to other
3	circuits performing other functions.

6. (currently amended) A The voltage level translator of claim 5 for operating an operational amplifier integrated circuit designed for operation with a single ended power supply, to operate with a split level power supply having a center tapped ground, comprising:

— first voltage level translating means for connecting a first polarity power supply terminal of the operational amplifier integrated circuit to a first polarity of the power supply and to a first capacitor (34) coupled to ground,

— second voltage level translating means for connecting a second polarity power supply terminal of the operational amplifier integrated circuit to a second polarity of the split level power supply, and

— means for connecting a signal input terminal of the operational amplifier to a center tapped ground of the split level power supply.

— wherein the split level power supply having a center tapped ground also

provides power to other circuits performing other functions and:

- wherein the amplifier includes an output load comprising an earphone and the other circuits performing other functions is a DVD player. 1.
 - 7. (original) The voltage level translator of claim 1 wherein the amplifier has an AC reference which is connected to the DC voltage ground.
 - 8. (previously presented) The voltage level translator of Claim 1, wherein:

said operational amplifier has a predetermined maximum voltage rating and said split level power supply having a voltage greater than said maximum voltage rating; and

said first voltage level translating means and said second voltage level translation means each comprise a respective Zener diode having respective Zener voltages selected to enable said integrated circuit to operate within said maximum voltage rating when powered by said split level power supply.

- 9. (previously presented) The voltage level translator of Claim 6, wherein:
- said operational amplifier has a predetermined maximum voltage rating and said split level power supply having a voltage greater than said maximum voltage rating; and
- said first voltage level translating means and said second voltage level translation means each comprise a respective Zener diode having respective Zener voltages selected to enable said integrated circuit to operate within said maximum voltage rating when powered by said split level power supply.

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1	10. (currently amended) A voltage level translator for operating an
.2	operational integrated circuit designed for operation with a single ended power
3	supply, to operate with a split level power supply having a center tapped
4	ground, comprising:
5	a first voltage level translating means for connecting a first polarity
6	power supply terminal of the operational amplifier integrated circuit and a first
7	capacitor coupled to ground to a first polarity of the split level power supply;
8	a second voltage level translating means for connecting a second
9	polarity power supply terminal of the operational amplifier integrated circuit and
10	a second capacitor coupled to ground to a first second polarity of the split level
11	power supply;
12	said operational amplifier has a predetermined maximum voltage rating
13	and said split level power supply having a voltage greater than said maximum
14	voltage rating; and
15	said first voltage level translating means and said second voltage level
16	translation means each comprise a respective Zener diode having respective
17	Zener voltages selected to enable said integrated circuit to operate within said

maximum voltage rating when powered by said split level power supply.